

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S93	1	S92 and encapsulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:58
S89	0	S88 and encapsulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:58
S92	3	(@AD<"20040415" or @RLAD<"20040415") and ((http or web) adj2 server) near10 embed\$4 with (second or another or different) adj5 (network or protocol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:57
S91	1989	(@AD<"20040415" or @RLAD<"20040415") and ((http or web) adj2 server) near10 embed\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:57
S87	11	(@AD<"20040415" or @RLAD<"20040415") and ((http or web) adj2 server) near10 embed\$4 near10 ((modbus) or PLC or programmable adj logic adj controller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:56
S90	0	S88 and modbus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:55
S86	0	S85 and encapsulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:54
S88	1	S87 not S85	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:53
S85	10	(@AD<"20040415" or @RLAD<"20040415") and ((http or web) adj2 server) near10 embed\$4 near10 ((modbus) or PLC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:52

## EAST Search History

S84	0	S83 and modbus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:44
S83	10	(@AD<"20040415" or @RLAD<"20040415") and ((http or web) adj2 server) near10 embed\$4 near10 ((modbus adj3 device) or PLC)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:44
S49	1	(@AD<"20040415" or @RLAD<"20040415") and server near5 embedded adj10 (MODBUS or "MODBUS/TCP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 12:41
S82	2	("7051143").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/20 07:37
S81	4	S77 and MODBUS adj20 (embed\$4 or encapsulat\$3) adj20 (browser or http or html or xml or sgml or xhtml or TCP or TCP/IP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 07:37
S80	30	S77 and MODBUS adj20 (embed\$4 or encapsulat\$3 or "over") adj20 (browser or http or html or xml or sgml or xhtml or TCP or TCP/IP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 06:35
S79	2	S77 and (browser or http or html or xml or sgml or xhtml or TCP or TCP/IP) adj20 (embed\$4 or encapsulat\$3 or "over") adj20 MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 06:35
S78	2	S77 and (browser or http or html or xml or sgml or xhtml or TCP or TCP/IP) adj10 (embed\$4 or encapsulat\$3 or "over") adj10 MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 06:33
S77	54	(@AD<"20040415" or @RLAD<"20040415") and MODBUS with (browser or http or html or xml or sgml or xhtml or TCP or TCP/IP) with (embed\$4 or encapsulat\$3 or "over")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 06:26

## EAST Search History

S76	13	(@AD<"20040415" or @RLAD<"20040415") and MODBUS with (browser or http or html or xml or sgml or xhtml or TCP or TCP/IP) with (embed\$4 or encapsulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 06:25
S75	155	(@AD<"20040415" or @RLAD<"20040415") and MODBUS with (TCP/IP or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 06:23
S23	264	(@AD<"20040415" or @RLAD<"20040415") and MODBUS and (TCP/IP or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 06:22
S74	30	(@AD<"20040107" or @RLAD<"20040107") and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 16:30
S73	31	(Modbus adj5 (embed\$4 or encapsulat\$3 or over) adj5 TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 16:30
S72	3	(TCP adj5 (embed\$4 or encapsulat\$3 or over) adj5 MODbus)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 16:30
S71	3	(TCP adj5 (embed\$4 or encapsulat\$3) adj5 MODbus)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 16:26
S70	0	(TCP adj5 "over" adj5 MODbus)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 09:26
S69	0	S67 and (TCP adj5 "over" adj5 MODbus)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 09:26
S68	16	S67 and (TCP with MODbus)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 09:26

## EAST Search History

S67	52	(@AD<"20040107" or @RLAD<"20040107") and MODBUS and (server) near10 embed\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 09:25
S66	2	(@AD<"20040107" or @RLAD<"20040107") and MODBUS.ti, ab. and (server) near10 embed\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 09:25
S65	0	(@AD<"20040107" or @RLAD<"20040107") and MODBUS.ti, ab. and (web adj server) near10 embed\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 08:06
S59	0	(@AD<"20040107" or @RLAD<"20040107") and MODBUS.ti, ab. and (web adj sever) near10 embed\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 08:06
S58	5	S57 and (encapsulat\$3 or embed\$4)	US-PGPUB; USPAT	OR	ON	2007/11/19 08:05
S2	258	(@AD<"20040107" or @RLAD<"20040107") and MODBUS and (TCP/IP or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 07:54
S57	8	US-20040054829-\$.DID. OR US-6151625-\$.DID. OR US-6434157-\$.DID. OR US-5805442-\$.DID. OR US-5975737-\$.DID. OR US-6282454-\$.DID. OR US-6484061-\$.DID. OR US-6061603-\$.DID.	US-PGPUB; USPAT	OR	ON	2007/11/19 07:45
S56	1	S55 and embed\$4 near3 server near5 MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:37
S55	46	(@AD<"20040415" or @RLAD<"20040415") and server near5 MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:37
S54	4	(@AD<"20040415" or @RLAD<"20040415") and IED with MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:36

## EAST Search History

S52	2	(@AD<"20040415" or @RLAD<"20040415") and server near5 embedded adj10 PLC	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:35
S53	0	S52 and encapsulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:34
S34	2	S33 and encapsulat\$3 near10 (MODBUS or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:34
S51	0	(@AD<"20040415" or @RLAD<"20040415") and server near5 embedded adj10 PLC and (MODBUS or "MODBUS/TCP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:27
S50	0	(@AD<"20040415" or @RLAD<"20040415") and server near5 embedded adj10 LPC and (MODBUS or "MODBUS/TCP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:27
S47	11	(@AD<"20040415" or @RLAD<"20040415") and (encapsulated or embedded) adj10 (MODBUS or "MODBUS/TCP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/13 00:05
S48	5	S47 not S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 23:40
S44	6	(@AD<"20040415" or @RLAD<"20040415") and (message or code or command or request) adj15 (encapsulated or embedded) adj10 (MODBUS or "MODBUS/TCP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 23:40
S46	3	(@AD<"20040415" or @RLAD<"20040415") and (MODBUS or "MODBUS/TCP") adj15 (encapsulat\$3 or embed\$4) adj10 (message or code or command or request)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 23:28

## EAST Search History

S45	0	(@AD<"20040415" or @RLAD<"20040415") and (MODBUS or "MODBUS/TCP") adj15 (encapsulate or embeds) adj10 (message or code or command or request)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 23:28
S43	0	(@AD<"20040415" or @RLAD<"20040415") and (browser or http or hypertext or HTML or XML or SMGL) adj15 (encapsulated or embedded) adj10 (MODBUS or "MODBUS/TCP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 23:26
S42	0	(@AD<"20040415" or @RLAD<"20040415") and (browser or http or hypertext or HTML or XML or SMGL) adj5 (encapsulated or embedded) adj10 (MODBUS or "MODBUS/TCP")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 23:26
S41	2	("7051143").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/12 22:02
S40	0	S38 and embed\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 19:41
S39	0	S38 and encapsulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 19:41
S38	2	("6961641").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/12 19:41
S37	15	(@AD<"20040415" or @RLAD<"20040415") and (request or message or command) with (MODBUS) with encapsulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 19:41
S36	0	(@AD<"20040415" or @RLAD<"20040415") and browser near10 (request or message or command) with (MODBUS) with encapsulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 18:52

## EAST Search History

S35	1	(@AD<"20040415" or @RLAD<"20040415") and send\$3 near5 (browser or request or message) adj10 (MODBUS) with encapsulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 18:50
S33	46	S23 and (convert\$3 or reformat\$4 or format\$4 or transform\$3) adj10 (hypertext or (hyper adj text) or HTML or XML or SGML)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:55
S32	16	S23 and reformat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:54
S31	1	S29 and reformat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:53
S30	6	S29 and serial adj MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:53
S29	41	S23 and serial near5 MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:52
S28	5	S23 and (browser or html or hypertext or website or webpage or request or message) near10 encapsulat\$3 near10 MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:51
S27	0	S23 and (browser or html or hypertext or website or webpage) near10 encapsulat\$3 near10 MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:18
S26	0	S24 and (browser or html or hypertext or website or webpage) near10 encapsulat\$3 near10 MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:18
S25	2	S24 and (browser or html or hypertext or website or webpage) with MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:17

## EAST Search History

S24	19	S23 and IED	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/12 17:09
S22	12	S18 and ((time adj stamp\$3) or timestamp\$3) and (TCP or TCP/IP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:27
S20	13	S18 and timestamp\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:26
S21	0	S18 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:25
S9	12	(@AD<"20040107" or @RLAD<"20040107") and timestamp\$3 same CRC same (TCP/IP or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:25
S19	0	S12 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:24
S18	14	(@AD<"20040107" or @RLAD<"20040107") and RFC adj "2030" and (UTC or (universal adj time adj coordinated))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:24
S17	0	(@AD<"20040107" or @RLAD<"20040107") and (timestamp or time adj stamp) adj (qualifier or checker) same (TCP/IP or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:23
S13	0	(@AD<"20040107" or @RLAD<"20040107") and (timestamp or time adj stamp) adj (qualifier or checker or check) same (TCP/IP or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:18
S16	0	S12 and time adj stamp adj qualifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:15

## EAST Search History

S12	54	(@AD<"20040107" or @RLAD<"20040107") and (timestamp or time adj stamp) adj (qualifier or checker or check) and (TCP/IP or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:15
S15	0	S12 and timestamp adj qualifier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:14
S14	0	S12 and "timestamp qualifier"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 12:14
S11	0	S9 and MODBUS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 09:20
S10	0	(@AD<"20040107" or @RLAD<"20040107") and timestamp\$3 same CRC-32 same (TCP/IP or TCP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 09:18
S8	607	(@AD<"20040107" or @RLAD<"20040107") and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 09:17
S7	740	CRC-32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 09:17
S6	0	S2 and CRC-32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 09:17
S5	0	(S1 or S4) and CRC and ((time or timing) adj stamp or timestamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 09:09
S4	4	US-6061603-\$.DID. OR US-6282454-\$.DID. OR US-6327511-\$.DID. OR US-6151625-\$.DID.	US-PGPUB; USPAT	OR	ON	2007/11/09 09:09

## EAST Search History

S3	12	S2 and CRC and ((time or timing) adj stamp or timestamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/09 09:09
S1	2	((("6711698") or ("6587884"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/09 08:39